Volume 50, 1991, Numbers 1–3

CONTENTS

Number 1 PAGE

Role of site-selective cAMP analogs in the control and reversal of malignancy: *Y. S. Cho-Chung, T. Clair, G. Tortora and H. Yokozaki* 1
Neuroendocrine rhythms: *M. H. Hastings* 35
Vascular activities of the endothelins: *M. D. Randall* 73
The dynamics of drug resistance in *Plasmodium falciparum*: *W. H. Wernsdorfer and D. Payne* 95
Cyclic nucleotide-dependent protein kinases: *J. D. Scott* 123

Number 2

Biological and NMR markers for cancer: *M. Czuba and I. C. P. Smith* 147
Ca^{2+} extrusion across plasma membrane and Ca^{2+} uptake by intracellular stores: *L. Missiaen, F. Wuytack, L. Raeymaekers, H. De Smedt, G. Droogmans, I. Declerck and R. Casteels* 191
The drug interaction potential of ranitidine: An update: *U. Klotz and H. K. Kroemer* 233
The potential use of catalytic RNAs in therapy of HIV infection and other diseases: *J. J. Rossi, E. M. Cantin, N. Sarver and P. A. Chang* 245
Regulatory functions of calmodulin: *A. R. Means, M. F. A. VanBerkum, I. Bagchi, K. P. Lu and C. D. Rasmussen* 255

Number 3

The regulation of adenylyl cyclase by receptor-operated G proteins: *A. Levitzki and A. Bar-Sinai* 271
The potential importance of swainsonine in therapy for cancers and immunology: *K. Olden, P. Breton, K. Grzegorzewski, Y. Yasuda, B. L. Gause, O. A. Oredipe, S. A. Newton and S. L. White* 285
Intracellular messengers and the control of protein synthesis: *S. J. Morley and G. Thomas* 291
Morphologic and morphometric techniques for the detection of drug- and toxin-induced changes in lung: *P. Davies* 321
Guanylyl cyclase-linked receptors: *D. L. Garbers* 337
The role of neuronal calcium channels in dependence on ethanol and other sedatives/hypnotics: *H. J. Little* 347
Biochemical pharmacology and analysis of fluoropyrimidines alone and in combination with modulators: *G. Weckbecker* 367
Structure and function of G protein coupled receptors: *T. Jackson* 425
Contribution of the glutathione *S*-transferases to the mechanisms of resistance to Aflatoxin B_1: *J. D. Hayes, D. J. Judah, L. I. McLellan and G. E. Neal* 443